



INFORMATION DISCLOSURE STATEMENT TRANSMITTAL

To Commissioner For Patents

Enclosed herewith is a Form PTO-1449, required copies of documents listed thereon.

Application Number	09/705,645
Filing Date	07/15/2002
First Named Inventor	Ronald H. Gerhardt
Group Art Unit	2631
Examiner Name	
Attorney Docket Number	US018100

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These documents may be relevant in that they have been:

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- Considered in drafting the specification of the above-referenced application;
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- previously submitted or cited in U.S. patent application(s) which are relied on for an earlier effective filing date under 35 U.S.C. 120 (no copy required); or
- cited as an "X" or "Y" document in a foreign Patent Office search report on a foreign counterpart application, a copy of which report is also enclosed;
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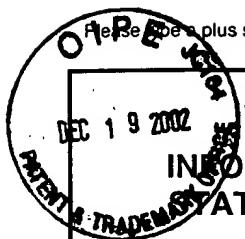
SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

Name (Print Type)	Michael Schmitt	Registration No. (Attorney/Agent)	36921
Signature			
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Substitute for form 1449A/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet

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of

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Application Number	09/903,645
Filing Date	07/13/2001
First Named Inventor	Ronald H. Gerhards
Group Art Unit	2631
Examiner Name	

Attorney Docket Number US018106

U.S. PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	U.S. Patent Document Number	Kind Code ² (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
1.	US 6175561	B1		La Rosa Christopher P.	01-16-2001	
	US 5781543	A		Ault Jan C.	07-14-1998	RECEIVED
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FOREIGN PATENT DOCUMENTS

Examiner* Initials	Cite No. ¹	Foreign Patent Document Office ³	Kind Code ⁴ (if known) ⁵	Name of Patentee or Applicant of Cited Document	Date of Publication MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		EP 0880238	A	Mitsubishi Electric Corp	11-25-1998		
		WO 0239607	A	Thurston Andy	05-16-2002		

NON PATENT LITERATURE DOCUMENTS

Examiner* Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Date Considered

Examiner Signature	Date Considered
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* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.